

ABSTRACT OF THE DISCLOSURE

A retort heating apparatus includes a perimeter wall bounding a central compartment. A partition wall is disposed within the central compartment so as to separate the central compartment into at least a heating chamber and a vapor chamber. The partition wall has a plurality of spaced apart apertures formed thereon so as to provide fluid communication between the heating chamber and the collection chamber. A plurality of spaced apart baffles are disposed within the heating chamber between the perimeter wall and the partition wall. A collection plate is disposed within the vapor chamber at a downwardly curved or sloped orientation. The collection plate has lower end disposed at or adjacent to the partition wall and an opposing upper end disposed at or toward the perimeter wall.

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